

United States Patent [19]**Tsubosaka**[11] **Patent Number:** **5,682,182**[45] **Date of Patent:** **Oct. 28, 1997**

[54] **EXTERIOR STRUCTURE FOR DISPLAY DEVICE HAVING DISPLAY-COVER SERVING AS PART OF STAND AND NOT REMOVED FROM MAIN BODY**

5,229,757 7/1993 Takamiya 361/681
 5,247,285 9/1993 Yokota 361/681
 5,267,123 11/1993 Boothroyd 361/681
 5,375,076 12/1994 Goodrich 361/681
 5,483,253 1/1996 Suganuma 345/905

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FOREIGN PATENT DOCUMENTS

4315250 11/1992 Japan .

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[57] **ABSTRACT**

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[52] **U.S. Cl.** **345/173; 345/905; 361/680;**
361/681; 361/683

[58] **Field of Search** **345/1, 905, 173;**
361/681, 683, 696, 702, 709; 364/708.1

[56] **References Cited**

U.S. PATENT DOCUMENTS

4,113,212 9/1978 Coriden .
 4,259,568 3/1981 Dynesen 235/1 D
 4,571,456 2/1986 Paulsen et al. 361/386
 4,918,632 4/1990 York 364/708.1
 5,085,394 2/1992 Torii 361/681
 5,100,098 3/1992 Hawkins 364/708.1
 5,128,829 7/1992 Loew 361/380
 5,166,893 11/1992 Hosoi 364/708
 5,193,672 3/1993 Long 206/45.2
 5,209,448 5/1993 Hatanaka 361/681

There is provided an exterior structure which can enhance operability of display devices, reduce the number of parts, shorten time for assembly of products, and improve its productivity, and yet which allows reduction in cost, reduction in weight of products, and moreover which can prevent loss of a display-section cover and the like. A display section is present on a first surface of a main body, and a display-section cover is provided on a second surface adjacent to the first surface. The display-section cover is made up of a generally rectangular hinge plate attached in a hinge fashion with one edge of the hinge plate parallel to the first surface, and a display lid having such a shape as to be able to cover a display section of the first surface and being attached in a hinge fashion to the other edge of the hinge plate opposite to the one edge. A support plate is attached in a hinge fashion with one edge thereof parallel to the second surface to a third surface of the main body opposite to the first surface. The display lid is provided with slots capable of captively holding the support plate.

13 Claims, 13 Drawing Sheets

